

Data Management Tool (DMT)

Quick Reference Guide



US Army Corps of Engineers

User role: Levee Data Manager

Capability: Create a Levee System

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The Data Management Tool allows users assigned the Levee Data Manager role to perform functions that support the ability to create levee data.

This job aid is targeted to provide a quick reference guide for Levee Data Managers to leverage the system digitizing capabilities within the Data Management Tool. For additional details regarding the Data Management Tool capabilities, please reference the Data Management Tool User Manual.

Login to the Data Management Tool (DMT)

A To access the Data Management Tool, you will first need to open Windows Internet Explorer on your computer and go to <http://nld.usace.army.mil/dmt>. The Data Management Tool performs best using Windows Internet Explorer 7 or 8 and Mozilla Firefox 3.

For first time users, you will need to request an account in order to access the Data Management Tool. You will then be prompted to provide some basic user information.

A System Administrator will review and accept or reject your request for an account. You will be informed of your account status through your email.

B Once the website has loaded, click the 'Login' tab and an authentication screen will appear. Enter your Data Management Tool user name and password.

CorpsMap Data Management Tool

Welcome to the US Army Corps of Engineers National Levee Database - Data Management Tool

The National Levee Database has been established to contain all relevant data regarding the nation's levees and floodwalls. The purpose of the NLD is to allow access to this data for the purpose of managing levees and assisting with the mission of reducing the flood risks to life and property.

Currently, the data contained in this database is relative to levees that are in the U.S. Army Corps of Engineers (USACE) Levee Safety Program. These include levees operated and maintained by USACE; constructed by USACE and locally operated and maintained; federally authorized to be in the USACE program and locally operated and maintained; and locally constructed and locally operated and maintained, but have been accepted into the USACE Rehabilitation and Inspection Program.

Congressional authorization provides USACE the ability to collect voluntary information on levees outside of USACE's authority. USACE will begin this effort beginning Fiscal 2011. If you do not see a levee in this database, chances are it is not in the USACE program and the information has not been volunteered.

For specific questions about your local levee, it is suggested that you contact your county National Flood Insurance Program (NFIP) representative. For questions about the data contained in this database, please contact the local USACE district office, which can be found on www.usace.army.mil.

We encourage you to utilize this tool and please feel free to provide comments and suggestions by clicking on the feedback icon in the website.

Click to download the Data Management Tool User Manual

A Click to request an account

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US Army Corps of Engineers

Levee User Module

Login Home

Please register your personal information to receive permission for an account to Levee User Tool for access to Levee projects.

User Name *

First Name *

Last Name *

Project: * Select ...

Address *

City *

State: * Select ...

Zip *

Phone Number *

Email *

Email Confirm *

Cancel Save

User Name

Password

Login

B

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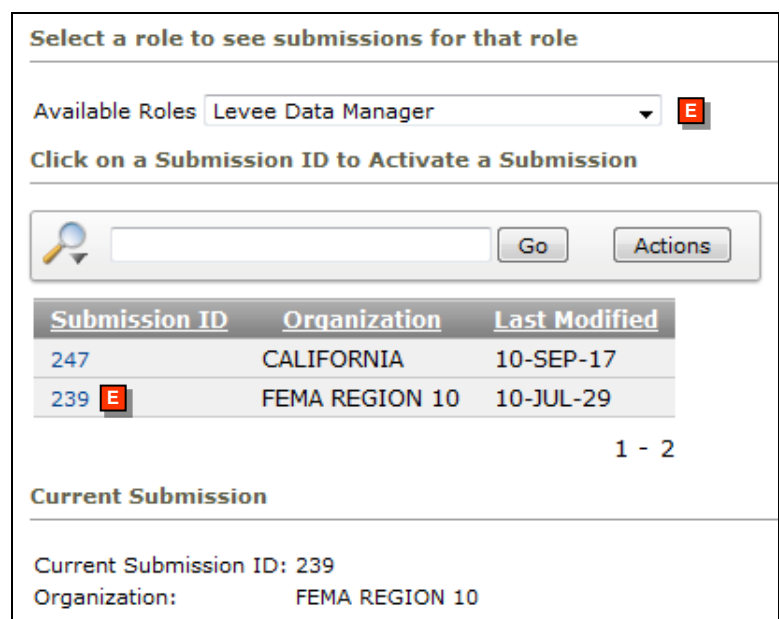
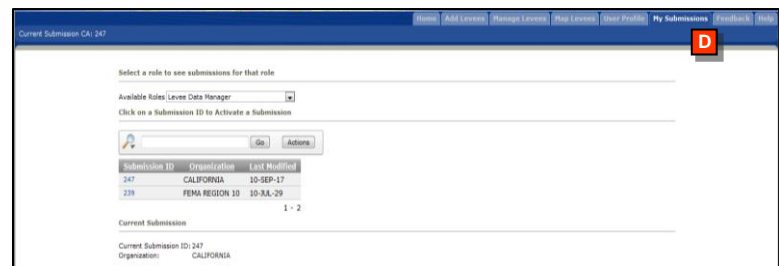
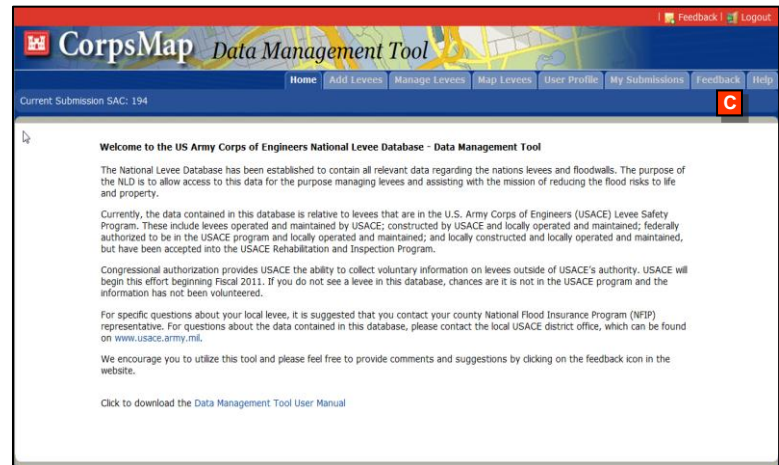
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C Once you are successfully logged in, you will be brought to the Data Management Tool Home page. The upper right corner of the web page contains a link to provide feedback and to log out of the application. There are eight navigation tabs:

1. Home– Return to the Data Management Tool Home page
2. Add Levees –Create new levee systems
3. Manage Levees – Edit existing levee data
4. Map Levees – Lookup DMT and NLD levee data from the map
5. User Profile – Manage your user account and password
6. My Submissions – Manage your data submissions
7. Feedback –View all comments users have submitted
8. Help- View help documentation including the data dictionary, map projection support list and coordinate method support list

D Note: If you have been assigned one role under one organization, you will be directed to the Home page upon login. If you have been assigned multiple roles and/or are associated to multiple organizations, you will be directed to the My Submissions tab upon login.

E To activate a role and submission within the application, first select a role from the 'Available Roles' drop down list. Once your role has been defined, a table will display with submissions assigned to that role. Select a Submission ID from the table.



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Add Levees: Create a Levee System

- A** Select the Add Levees tab to begin digitizing a levee system.
- B** Expand the Search panel on the left side of the screen and select a search method for finding your location on the map. Enter the necessary information and submit. The system will identify your location. Click the link it identifies and the map will zoom into that location.
- C** Instructions for creating your Leveed Area polygon are included in the Leveed Area panel.

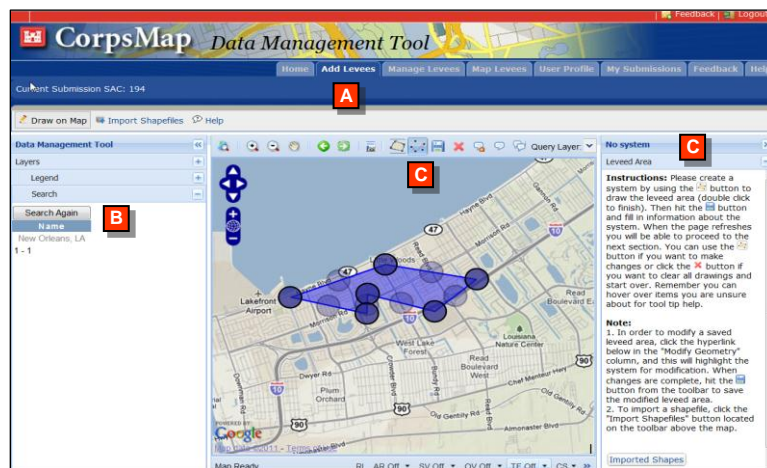
Select the 'Add a Polygon Feature' tool  from the toolbar to digitize your system's leveed area. The name of the tool will appear when you hover over it. Once the tool is selected, click on the map at the first point, draw out a line and click for the second point and then draw out to the third point and double click to release the tool. At first, your polygon should look like a triangle.

- D** Once you finalize your polygon, the 'Modify Geometry' tool  is automatically selected. You just have to click on the polygon and the shape will become editable. The polygon should cover the entire potential area of inundation in the case of a levee breach.

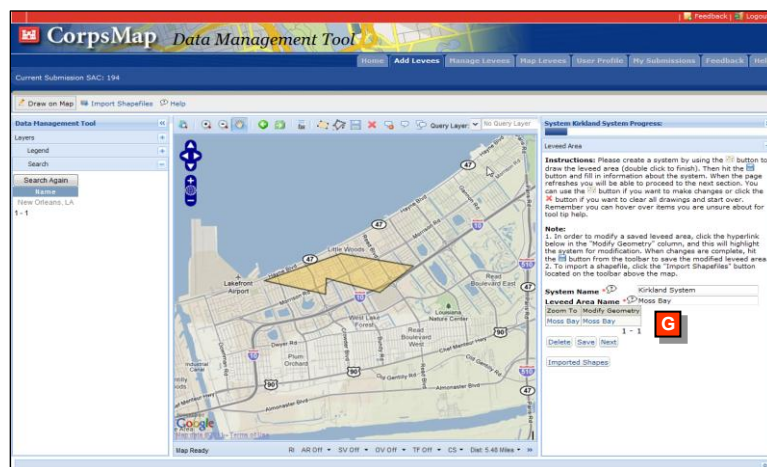
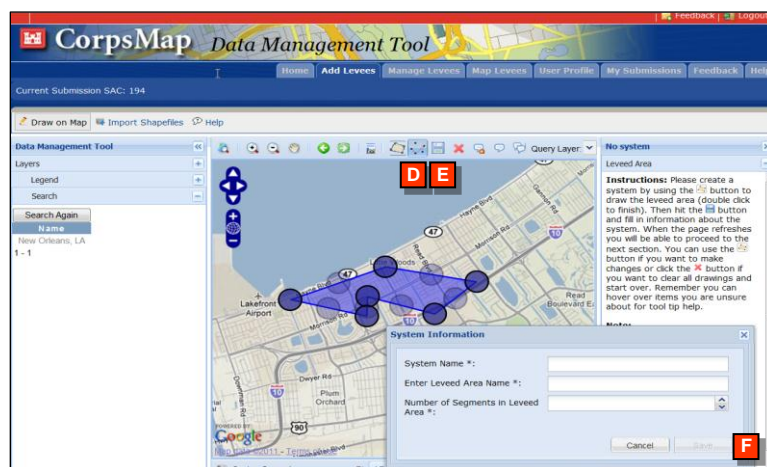
- E** Select the 'Save Digitized Geometry and Close' tool  from the toolbar to save your polygon.

- F** The System Information pop-up will display. Fill out the fields and click 'Save.'

- G** The saved system information will display in the Leveed Area panel.



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Add Levees: Create a Levee Segment

A Click the 'Next' button to continue to create your levee segment(s).
The System Progress bar at the top of the right side panel advances to indicate the completion of required data fields for submission into the National Levee Database.

B The Segment Details window will appear. Fill in Segment Name, Authorization Type, Protection Level, Sponsor/Owner Name and Segment Length.

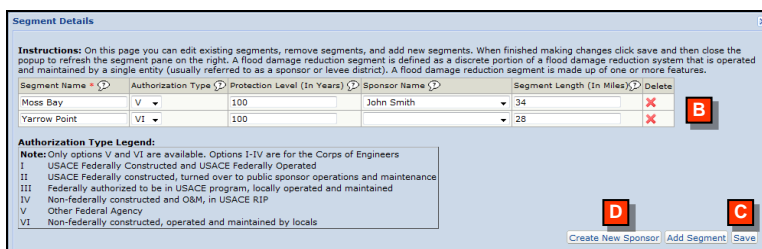
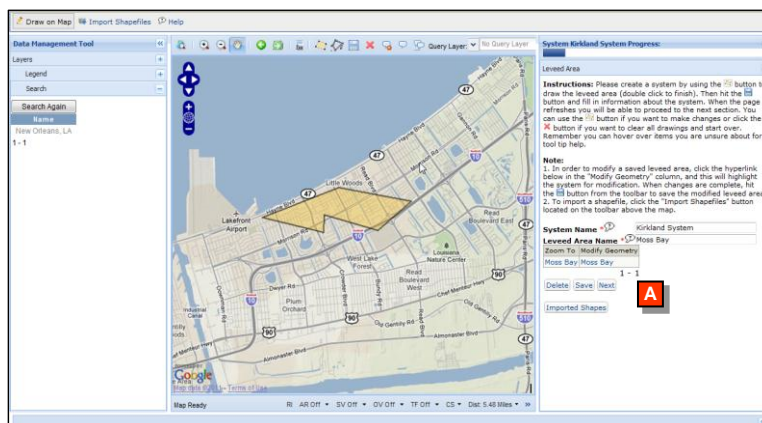
C Click 'Save' to save the segment details information.

D If your sponsor/owner does not appear in your organization's global list (sponsor dropdown), click on the 'Create New Sponsor' button for the Sponsor Details window to display.

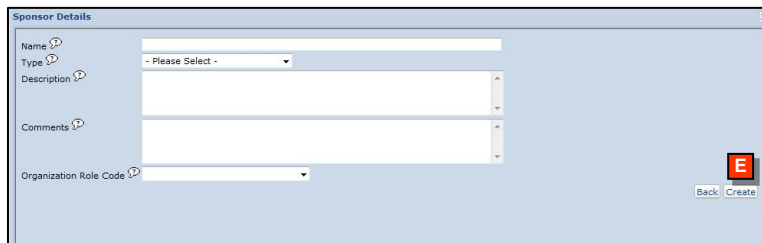
E Fill in the fields for the sponsor/owner then click 'Create' to save the new profile. The sponsor/owner you created will be added to your organization's global list.

F Select your sponsor/owner from the dropdown and click 'Save' to save all segment details. Click the 'X' at the top right of the Segment Details window to close the pop-up window

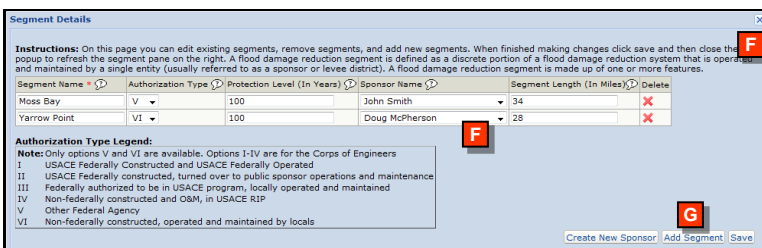
G If another segment needs to be added select the 'Add Segment' button to add a new segment to the list of segments on the Segment Details page.



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H

Your segment information has been saved and will display in the Segments panel. From this view you can verify the Segment Name, Authorization Type, Protection Level, Segment Length and whether or not a sponsor/owner has been associated with the segment.

I

If necessary, click the 'Edit Segments' button to modify any of your segment information.

J

If necessary, you can click the 'Previous' button to return to the Leveed Area panel to modify system information.

K

As indicated in the System Progress bar, all system and segment details have been completed and the system is now eligible for submission into the National Levee Database.

L

Click 'Next' to continue on to the Features panel.

System Kirkland System Progress

Segments

Instructions: On this page you can edit segments, remove segments, add new segments and create new sponsors. Within the Segment Details window update your system's Segment Name(s), Authorization Type, Protection Level, Sponsor, and Segment Length. The Segment Details window will automatically display when you navigate to this page. If you need to view the Segment Details window again, click the 'Edit Segments' button. Make sure to save all information in this window before leaving the page so you don't lose it. Additionally, from the Segment Details window you can create a new sponsor by clicking the 'Create New Sponsor' button. After closing out of the Segment Details window, the Segments panel on this page will refresh with your Segment Information. When you are finished, click the next button to proceed to the next section, Features. Remember you can hover over items you are unsure about for tool tip help.

Edit Segments

Segment	AT	PL		SL
Moss Bay	V	100	✓	34
Yarrow Point	VI	100	✓	28

Previous **Next**

Add Levees: Create Levee Features

A

Select the 'Add a Point Feature' tool from the toolbar to digitize features that are best represented by a point. Hover your mouse over the tool in order to view a list of acceptable features to digitize as a point.

Once the tool is selected, click on the map to digitize your point.

(Instructions for creating your levee features are included in the Features panel.)

B

Select the 'Save Digitized Geometry and Close' tool from the toolbar to save your point feature.

C

The 'Feature Information' window will appear, once you choose to save the geometry of the feature. Fill in the feature information by selecting the segment the

Data Management Tool

Search Again

Feature Information

Select segment that feature will be added to: Yarrow Point

Select a feature type: En encroachment point

Select Coordinate Method: Digitized off of quad sheets

Please enter comments:

Cancel **Save**

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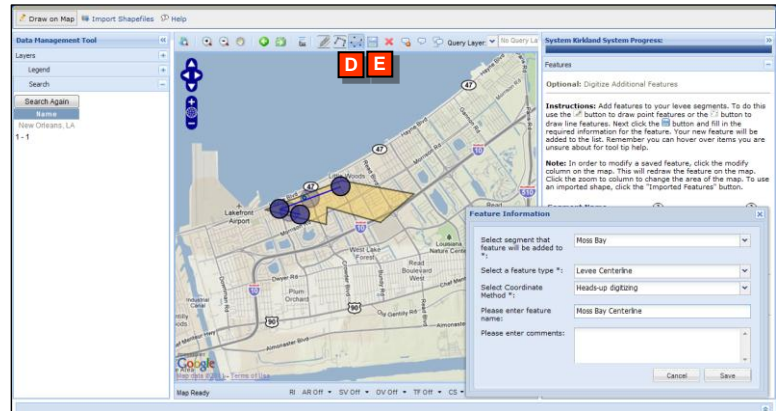
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feature will be added to, selecting the feature type, selecting the coordinate method, entering a feature name and adding any additional comments. Click 'Save' to save the feature information entered.

D


Select the 'Add a Line Feature' tool  from the toolbar to digitize features that are best represented by a line. Hover your mouse over the tool, in order to view a list of acceptable features to digitize as a line.

Once the tool is selected, click on the map to draw your levee feature line by clicking on a starting point and double clicking on the end point to release the tool.



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E

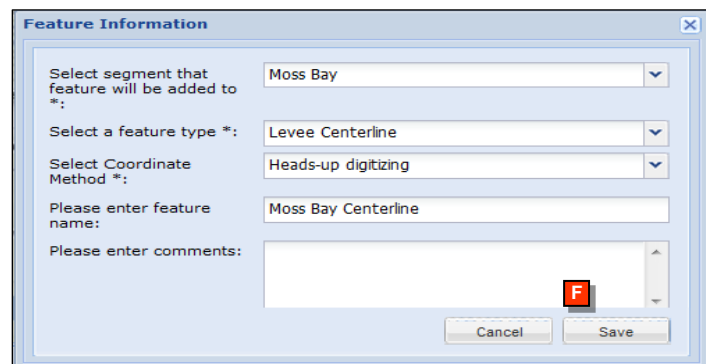
Select the 'Save Digitized Geometry and Close' tool  from the toolbar to save your line feature.

F

The 'Feature Information' window will display. Fill in the feature information by selecting the segment the feature will be added to, selecting the feature type, selecting a coordinate method, entering a feature name and adding any additional comments.

Depending upon the feature type you created, you may be asked to enter a feature name.

Click 'Save' to save the feature information.



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G The Features panel will display all saved levee features and will identify the segment in which they are associated to as well as the feature type.

You can delete a levee feature by clicking



next to the corresponding feature.

H You can zoom to the feature on the map by clicking the Feature Type link in the panel, under 'Zoom To' column.

I You can click the 'Previous' button to return to the Segments panel to modify segment information.

J Clicking the 'View Summary Page' button will take you to the 'Manage Levees' tab to allow you to modify any system, segment, feature and/or sponsor information.

(View the Manage Levees Quick Reference Guide for a Levee Data Manager for more information.)

K Clicking the 'Add System' button will take you back to the Leveed Area panel to create a new levee system.

L Clicking the "Modify" button will allow you to further modify the geometry of one of the saved features. Click the "Save Digitized Geometry" disk icon on the top task bar when finished editing the geometry.

System Kirkland System Progress:

Features

Optional: Digitize Additional Features

Instructions: Add features to your levee segments. To do this use the button to draw point features or the button to draw line features. Next click the button and fill in the required information for the feature. Your new feature will be added to the list. Remember you can hover over items you are unsure about for tool tip help.

Note: In order to modify a saved feature, click the modify column on the map. This will redraw the feature on the map. Click the zoom to column to change the area of the map. To use an imported shape, click the "Imported Features" button.

Segment Name	Zoom To?	Modify	Delete?
Moss Bay	Levee Centerline	Modify	
Yarrow Point	Encroachment Point	Modify	G

Previous Imported Features

Continue on this System

View Summary Page

Create a New System

Add System

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